BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64
No:EE/YNK-D/E-PMT/01/2015-16 Dated: 04-01-2016

APPROVED TENDER SCHEDULE –'B'

Item No: 15

Name of Work:- Drilling of borewells and providing pipe line and Maintenance of Existing borewells in ward No- 01 of yelahanka Sub division.

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. SHADAYAN	
				Rate	Rate in Words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction .	Each	2.00	1882.00	Rupees one thousand eight hundred eighty two and paise zero only
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)	Rmtr			
	0 to 50 m		100.00	316.00	Rupees three hundred sixteen and paise zero only
	50 to 100 m		100.00	420.00	Rupees four hundred twenty and paise zero only
	100 to 150 m		100.00	460.00	Rupees four hundred sixty and paise zero only
	150 to 200 m		100.00	500.00	Rupees five hundred and paise zero only
	200 to 250 m		100.00	570.00	Rupees five hundred seventy and paise zero only
	250 to 300m		100.00	620.00	Rupees six hundred twenty and paise zero only

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3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes)	Rmtr	120.00	1400.00	Rupees one thousand four hundred and paise zero only
4	Providing and fixing 250mm dia PVC 6 kg/sqcm pressure pipe including jointing and labur charges for laying pipes and as per specification and directions. (BWSSB SR 13-14, P.No.45 I.no.1 of sl.no.11.)	Each	36.00	1150.00	Rupees one thousand one hundred fifty only
5	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each	2	110.00	Rupees one hundred ten only
	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	30	160.00	Rupees one hundred sixty only
7	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings	No	2.00	70600.00	Rupees seventy thousand six hundred and paise zero only
8	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 13-14 PWD Page No XVII code No 509, 0154)	Rmtr	550.00	330.00	Rupees three hundred thirty and paise zero only
9	Providing & fixing socket GI (heavy duty collar) (Pwd SR pg xxxviii)		110.00	100.00	Rupees one hundred and paise zero only
10	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2007-08 3/2008-09 4538/19.01.2009 (1x3x4.00 Sqmm PVC cable	Mtr	1120.00	170.00	Rupees one hundred seventy and paise zero only

information & guidance.

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11	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No	2.00	11000.00	Rupees Eleven thousand and p zero only
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	44000.00	1.00	Rupees one and paise zero on
13	Providing & Fixing of clamps set and borewell cap to the pump .	No's	2.00	462.00	Rupees four hundred sixty two a paise zero only
14	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve.) (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No's	6.00	1650.00	Rupees one thousand six hundre fifty only
15	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 13-14, P.NO.XXIV, Sl.no, 659)	No's	6.00	1250.00	Rupees one thousnd two hundre fiftyonly
16	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	6.00	220.00	Rupees two hundred tweny only
17	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	6.00	105.00	Rupees one hundred five only
18	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	6.00	250.00	Rupees two hundred fifty only
19	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	Per length	104.00	91.00	Rupees ninty one and paise zero only
20	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No's	2.00	480.00	Rupees four hundred eight and paise zero only
21	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's	2.0	910.00	Rupees nine hundred ten and paise zero only

Executive Engineer

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22	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	70.0	175.00	Rupees one hundred seventy five and paise zero only
23	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14) in hard soil	Mtr	70.0	70.00	Rupees seventy and paise zero only
24	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	6.0	300.00	Rupees three hundred and paise zero only
25	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's	2.00	1800.00	Rupees one thousand eight hundred and paise zero only
26	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's	2.00	300.00	Rupees three hundred and paise zero only
27	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No's	3.00	1400.00	Rupees one thousand four hundred and paise zero only
28	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 103, I.NO - 13.79.6, PWD SR 13-14)	No's	6.00	1600.00	Rupees one thousand six hundred only
29	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No's	2.00	320.00	Rupees three hundred twenty and paise zero only
30	KSRB 2-1.1:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.1, PWD SR 13-14)	Cum			
	for PVC pipe		1080.00	270.16	Rupees two hundred seventy and paise sixteen only
31	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.12 item No.3.4.2 b PRED SR 2010-11.	Rmtr			

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	75 mm dia 6 KSC PVC pipe		750.00	110.00	Rupees one hundred ten and paise zero only
	63mm dia 6KSC		1250.00	95.00	Rupees ninety five and paise zero only
32	Providing and installation at site of work 20mm GI pipes including cost of pipes and specials and labur incluidng lowering into trenches, laying ture to line, complete as per direction of Engineer in charge for public taps for motors/pipeline (P.No.95, I.No.13.11 PWD SR 13-14)	Mtr	60.00	200.00	Rupees two hundred and paise zero only
33	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)	cum	1080.00	80.00	Rupees eighty and paise zero only
34	KSRB 13-6.3-6: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3,Page No. 97/ Item No. 13.37 / PWD SR 2015-16	Each	24.00	2000.00	Rupees two thousand and paise only
35	Gate Value 50mm Nominal Bore gun metal Sl No 673 code No 0164 Page No XXIV SR 2015-16	Each	24.00	1700.00	Rupees one thousand seven hundred and paise zero only
36	Gate Value 65mm Nominal Bore gun metal Sl No 674 code No 0165 Page No XXIV SR 2015-16	Each	24.00	2050.00	Rupees two thousand fifty and paise zero only
37	Gate Value 80mm Nominal Bore gun metal Sl No 675 code No 0166 Page No XXIV SR 2015-16	Each	23.00	2500.00	Rupees two thousand five hundred and paise zero only

SHADAYAN

Signature of the Contractor

Executive Engineer,
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